Supplementary material

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH

Degradation of industrial surfactants by photocatalysis combined with ozonation

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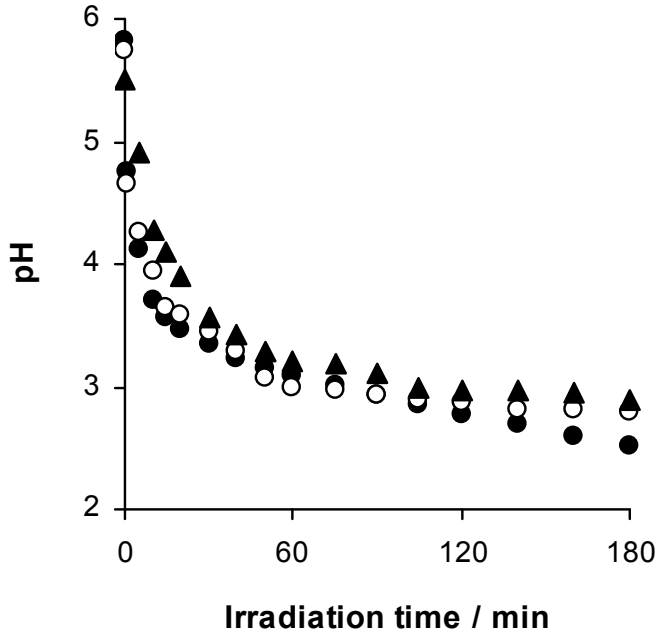

Fig. S1 Change of pH as functions of time in the system containing 1×10^{-3} M HBS during the treatment by various oxidation methods: (▲) O_3 + UV, (O) air+TiO_2 + UV, (●) O_3+TiO_2 + UV. (TiO_2 content is 1 g dm^{-3})

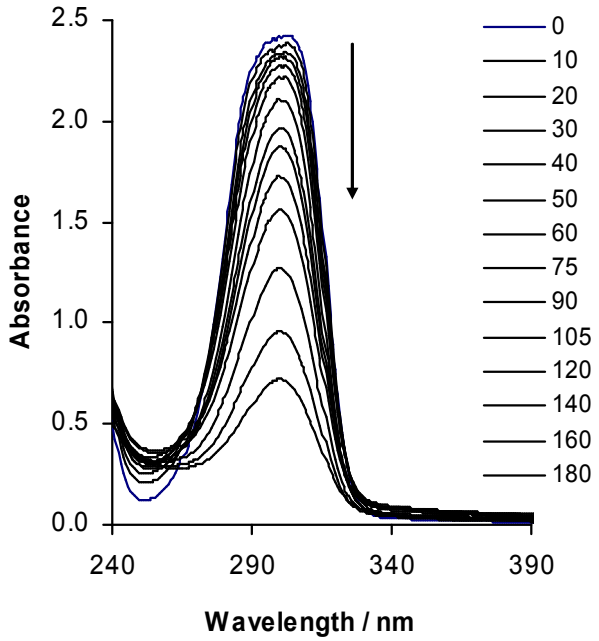

Fig. S2 Change of the absorption spectrum of the bulk solution during the combined (O_3+TiO_2 + UV) treatment of the system containing 1×10^{-3} M DHBS and 1 g dm^{-3} TiO_2. (ℓ = 1.0 cm). The samples were taken at the indicated times in min